

# Smart-Switch/801M

## 8 Port 10/100Base-TX Managed Fast Ethernet Switch with 100Base-FX Port

PART NUMBER	DESCRIPTION
FEP-60109T-C	8 Port 10/100Base-TX Managed Switch w/ 100Base-FX (SC / Multi-Mode / 2km)
FEP-60109T-T	8 Port 10/100Base-TX Managed Switch w/ 100Base-FX (ST / Multi-Mode / 2km)
FEP-60109T-C-SM	8 Port 10/100Base-TX Managed Switch w/ 100Base-FX (SC / Single Mode / 15km)

## Specifications

### Standards:

IEEE802.3 10BASE-T 10Mbps, Half/Full Duplex  
IEEE802.3u 100BASE-TX, 10/100Mbps, Half/Full Duplex  
IEEE802.3x Flow control and Backpressure  
IEEE802.3ad Link Aggregation  
IEEE802.1q VLAN Tagging  
IEEE802.1p Class of service  
IEEE802.1d Spanning Tree Protocol

### Management Interface:

Console port, WEB Browser Interface, and Simple Network Management Protocol (SNMP)

### Spanning Tree:

Insures only one path between any two nodes on network

### IGMP, GVRP:

IGMP support to reduce IP multicast traffic for the multimedia applications, support for Group VLAN Resolution Protocol

### Broadcast Storm Filtering:

Only allows a percentage of ports total bandwidth before broadcast traffic is dropped

### Trunking:

Supports 802.3ad port trunking with flexible load distribution with 800Mbps aggregate bandwidth per trunk group

### Class of Service:

Supports 802.1p Class of service w/ 2-level priority queuing

### Port Mirroring:

Supports source-port-based, destination-port-based and source-destination-port mirroring

### Protocol:

CSMA/CD

### Max Forwarding and Max Filtering Rate:

14,880 pps per Ethernet port  
148,800 pps per Fast Ethernet port

### LED Indicators:

Per Port: (10/100 UTP) 100M, LK/ACT, FD/COL  
Fiber Port: LK/ACT, FD/COL  
Per Unit: Power

### Dimensions:

250 mm x 132 mm x 37 mm (L x W x H)  
9.84" x 5.20" x 1.45" (L x W x H)

### Copper Network Cables:

10Base-T: Cat. 3/5e/6 cable (up to 100m)  
100Base-TX: Cat. 5e/6 cable (up to 100m)

### Fiber Network Cables:

100Base-FX / SC Multi-mode / Full-duplex / 2Km  
100Base-FX / SC Single mode / Full-duplex / 15Km

### Wavelength:

100Base-FX / Multi-Mode / 850 nm,  
100Base-FX / Single Mode / 1310 nm

### Operational Temp:

0°C to 45°C (32°F to 113°F)

### Operational Humidity:

10% to 90% (Non-condensing)

### Power Supply:

100-240 VAC, 50-60 Hz

### EMI:

FCC Class A, CE Mark

### Safety:

UL, cUL

### Warranty:

Lifetime Warranty



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